

# Work Order ID 77860

**\*77860\***

Page 1

December-22-11 8:52:59 AM

Item ID: D205-704-013

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Copilot Emergency Cargo Release

Start Date: 22/12/2011 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 05/01/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: M.L.J

Date: 11/12/22 Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start **\*NR1\***

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

N/A

Rev N/A

100

**\*100\***

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy bluefile and create labels per PPP D205-704-013

0.00

0.00

DAS  
15  
2-89

CHG00

per ECN 12-545.  
Chg 3 per ECN 12-583

12/11/28 MLJ 12-11-29

110

**\*110\***

Packaging

Packaging

Pick Kit

Memo

0.00

0.00

1 12/11/28 PTO

120

**\*120\***

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

0.00

DAS  
15  
2-89

12/11/29

PTO

W/O: 77860		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
<del>12/12/12</del>	<del>110</del>						

Part No: D205-704-013 PAR #: \_\_\_\_\_ Fault Category: PEC NCR: Yes No DQA: Yes Date: 12/12/12  
 Resolution: \_\_\_\_\_ Disposition: Rework QA: N/C Closed: Yes Date: 11

NCR: 12-2097		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
12/1/29	110	part missing from KIT D3207-7 QTO	DAS 16 9-89 Q57647 26/12/29	add parts # to KIT D3207-7 B# ← UPDATE BOM to <del>part</del> w/c ADDCRY w/ BOM to w/c AS Ref	DAS 20 9-89 82/98	DAS 15 9-89 12/12/29	DAS 16 9-89 257642 26/12/29	DAS 16 9-89 26/12/29

NOTE: Date & initial all entries

# Work Order ID 77860

**\*77860\***

Page 2

December-22-11 8:52:59 AM

Item ID: D205-704-013

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Copilot Emergency Cargo Release

Start Date: 22/12/2011 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 05/01/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
<b>*130*</b>	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D205-704-013 Location: <u>pk022</u> PPP Rev: _____								
140		0.00							
<b>*140*</b>	QC21- Final Inspection - Work Order Release								
QC	Memo	0.00							
Quality Control									

8 12/11/29 DAS 20

12/12/3

12-12-3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

December-22-11 8:53:03 AM

Page 1

Work Order ID: 77860

\*77860\*

Parent Item: D205-704-013

\*D205-704-013\*

Parent Item Name: Copilot Emergency Cargo Release

Start Date: 22/12/2011

Required Date: 05/01/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:B05.01.28Hardware added to Step 3KJ/RF  
IPP Rev:C05.12.21Hardware removed on Step 3 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS35489-10 <del>*MS35489-10*</del> Grommet		Purchased	No			110	Each	6.0000	2	2	✓		SD
				<u>Location</u>				<u>Loc Qty</u>					
				ST295				6					
				14604				6					
D205-704-043 <del>*D205-704-043*</del> Cable Assembly (205)		Manufactured	No			120	Each	2.0000	1	1	✓		SD
				<u>Location</u>				<u>Loc Qty</u>					
				ST223				2					
				68696				1					
				72304				1					
D3207-1 <del>*D3207-1*</del> Bracket		Manufactured	No			120	Each	4.0000	1	1	✓		SD
				<u>Location</u>				<u>Loc Qty</u>					
				ST202				4					
				35831				4					
D3207-3 <del>*D3207-3*</del> Bracket		Manufactured	No			120	Each	15.0000	1	1	✓		SD
				<u>Location</u>				<u>Loc Qty</u>					
				ST202				15					
				60247				15					

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

December-22-11 8:53:03 AM

Page 2

Work Order ID: 77860

\*77860\*

Parent Item: D205-704-013

\*D205-704-013\*

Parent Item Name: Copilot Emergency Cargo Release

Start Date: 22/12/2011

Required Date: 05/01/2012

Start Qty: 1.00

Required Qty: 1.00

D3208-1 Manufactured No

120 Each 18.0000

\*D3208-1\*

Doubler

\*\* 1 83920 JB

## Location

## Loc Qty

## Loc Code

ST202

18

73467

18

D3208-3 Manufactured No

120 Each 7.0000

\*D3208-3\*

Pedal Mount Angle

\*\* 1 86002 JB

## Location

## Loc Qty

## Loc Code

ST202

7

71677

7

D3208-5 Manufactured No

120 Each 6.0000

\*D3208-5\*

Mount Angle

\*\* 1 JB

## Location

## Loc Qty

## Loc Code

ST202

6

23669

6

D3208-7 Manufactured No

120 Each 5.0000

\*D3208-7\*

Filler

\*\* 1 83918 JB

## Location

## Loc Qty

## Loc Code

ST202

5

73462

5

D3214-1 Manufactured No

120 Each 7.0000

\*D3214-1\*

Placard

\*\* 1 83919 JB 12/11/28

## Location

## Loc Qty

## Loc Code

ST202

7

70304

7

December-22-11 8:53:03 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

December-22-11 8:53:03 AM

Work Order ID: 77860

**\*77860\***

Parent Item: D205-704-013

**\*D205-704-013\***

Parent Item Name: Copilot Emergency Cargo Release

Start Date: 22/12/2011

Required Date: 05/01/2012

Start Qty: 1.00

Required Qty: 1.00

D412-704-041

Manufactured No

120

Each

2.0000

☐ 1

✓



**\*D412-704-041\***

Pedal Assembly (205/212/214/412)

\*\*

85954 JB  
87651

Location

Loc Qty

Loc Code

ST191

2

75360

1

77172

1

MS21919-DG5

Purchased

No

120

Each

52.0000

☐ 4

4

✓



**\*MS21919-DG5\***

Clamp

\*\*

120731 20

12/11/28

Location

Loc Qty

Loc Code

ST306

52

114988

2

118840

25

119638

25

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## 5.0 PARTS LIST

Qty -011	Qty <u>-013</u>	Qty -015	Qty -041	Qty -141	Qty -043	Qty -045	Part Number	Description
X							D412-704-011	COPILOT'S EMERGENCY CARGO RELEASE KIT (210/212/214)
	X						D205-704-013	COPILOT'S EMERGENCY CARGO RELEASE KIT (205)
		X					D412-704-015	COPILOT'S EMERGENCY CARGO RELEASE KIT (412)
1	<del>1</del>		X				<del>D412-704-041</del>	<del>PEDAL ASSEMBLY (205/210/212/214)</del>
		1		X			D412-704-141	PEDAL ASSEMBLY (412)
	<del>1</del>				X		<del>D205-704-043</del>	<del>CABLE ASSEMBLY (205)</del>
1		1				X	D412-704-045	CABLE ASSEMBLY (210/212/214/412)
			1	1			D3204-041	PEDAL ASSEMBLY (OR ECM 999702-1)
			1	1			D3205-1	PEDAL BRACKET (OR ECM 999703-1)
			1	1			D3205-3	BACK PLATE (OR ECM 999709-5)
			1	1			D3206-1	PEDAL ARM (OR ECM 999704-1)
	<del>1</del>						D3207-1	BRACKET
	<del>1</del>						D3207-3	BRACKET
1		1					D3207-5	BRACKET
1	<del>1</del>						<del>D3207-7</del>	<del>PACKER</del>
		1					D3207-9	BRACKET
1							D3207-11	BRACKET
1	<del>1</del>	1					D3208-1	DOUBLER (OR ECM 999709-1)
1		1					D3208-11	FILLER
1	<del>1</del>	1					D3208-3	PEDAL MOUNT ANGLE (OR ECM 999709-7)
	<del>1</del>						D3208-5	MOUNT ANGLE
1	<del>1</del>	1					D3208-7	FILLER (OR ECM 999709-3)
1		1					D3208-9	DOUBLER
			1	1			D3209-041	BRACKET ASSEMBLY (OR BHT 204-070-993-001)
1	<del>1</del>	1					D3214-1	PLACARD (OR ECM 999712-1)
					1		D3217-1	CABLE
						1	D3217-3	CABLE
					1	1	D3257-1	FITTING
					1	1	D3258-1	ANGLE BRACKET
		1					D4610-1	DOUBLER
		1					D4610-3	DOUBLER
			1	1			D4610-5	SHIM
		1					D4610-7	COVER
				1			D4611-1	BUSHING
		1					D4622-1	PLACARD
		1					D4622-3	PLACARD
			1	1			AN3-10A	BOLT
					1	1	AN3-13A	BOLT
			1	1			AN315-4R	NUT
					1	1	AN3-5A	BOLT
			2	2			AN3-6A	BOLT
			1	1			AN4-10A	BOLT
			2				AN4-11A	BOLT
				2			AN4-12A	BOLT
			1				AN4-13A	BOLT

• COPYRIGHT © 2004 BY DART AEROSPACE LTD. •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: C

Date: 12.04.12

REFERENCE ONLY *Sh*

DART AEROSPACE LTD.

IIN-D412-704

Page 17 of 17

Qty -011	Qty <del>013</del>	Qty -015	Qty -041	Qty -141	Qty -043	Qty -045	Part Number	Description
				1			MS20002-4	WASHER
				1			MS20004-24	BOLT
			3	3	2	2	MS21042L3	NUT (OR MS21042-3)
			5	5			MS21042L4	NUT (OR MS21042-4)
4	<del>4</del>	<del>4</del>					<del>MS21919DG5</del>	<del>CLAMP</del>
			1				MS24694-S102	SCREW
				1			MS24694-S104	SCREW
	<del>2</del>	<del>2</del>					<del>MS35489-10</del>	<del>GROMMET</del>
		1					MS35489-149	GROMMET
			1	1			MS9519-10	BOLT
			4	4	2	2	NAS1149D0332J	WASHER (OR AN960JD10L)
			5	5	2	2	NAS1149D0363J	WASHER (OR AN960JD10)
			3	2			NAS1149D0416J	WASHER (OR AN960JD416L)
			14	13			NAS1149D0463J	WASHER (OR AN960JD416)
					3	3	NAS509-3	NUT

• COPYRIGHT © 2004 BY DART AEROSPACE LTD. •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **C**

Date: 12.04.12

Item ID: D205-704-013

BOM Type: Production

Status	Item ID	Rev	Name	Start Date	Quantity	Pe	UOM	Scrap %	Route	Seq	II	Sort	Comments	Date Last Mod	Stop Date
	D412-704-041		Pedal Assembly (205/212/214/412)	12/5/2009	1.0000		Each	0 %	110			1		5/10/2012 1...	
	D205-704-043		Cable Assembly (205)	12/5/2009	1.0000		Each	0 %	110			2		5/10/2012 1...	
	D3207-1		Bracket	12/5/2009	1.0000		Each	0 %	110			3		5/10/2012 1...	
	D3207-3		Bracket	12/5/2009	1.0000		Each	0 %	110			4		5/10/2012 1...	
	D3207-7		Packer	3/22/2012	1.0000		Each	0 %	110			5		5/10/2012 1...	
	D3208-1		Doubler	12/5/2009	1.0000		Each	0 %	110			6		5/10/2012 1...	
	D3208-3		Pedal Mount Angle	12/5/2009	1.0000		Each	0 %	110			7		5/10/2012 1...	
	D3208-5		Mount Angle	3/23/2012	1.0000		Each	0 %	110			8		5/10/2012 1...	
	D3208-7		Filler	3/23/2012	1.0000		Each	0 %	110			9		5/10/2012 1...	
	D3214-1		Placard	12/5/2009	1.0000		Each	0 %	110			11		5/10/2012 1...	
	MS21919-DG5		Clamp	1/1/2008	4.0000		Each	0 %	110			12		5/10/2012 1...	
	MS35489-10		Grommet	1/1/2008	2.0000		Each	0 %	110			13		3/22/2012 3:...	